

WHAT IS CLAIMED IS:

1. A filter, comprising:

at least one filter member that forms at least two opposed surfaces that face each other;

at least one porous member contained in the at least one filter member; and

a coupling member having an opening that is open to the at least one porous member so that the porous member communicates with the coupling member,

wherein the at least one filter member removes foreign matters contained in a liquid, and the liquid from which the foreign matters are removed is discharged through the porous member and the coupling member.

2. The filter according to claim 1, wherein the at least one filter member comprises first and second filter members, and wherein the first and second filter members and the porous member form a three-layer structure in which the first and second filter members cover upper and lower surfaces of the porous member, respectively.

3. The filter according to claim 1, wherein the at least one filter member comprises first and second filter members, and the at least one porous member comprises first and second porous members, and wherein a first structure of the first porous member and the first filter member covering one surface of the first porous member and a second structure of the second porous member and the second filter member covering one surface of the second porous member form a four-layer structure in which the other surface of the first porous member is superposed on the other surface of the second porous member.

4. The filter according to claim 1, which comprises a four-layer structure

that is formed by bending a two-layer structure comprising one porous member and one filter member covering one surface of the porous member, at a substantially middle portion of the two-layer structure.

5. The filter according to claim 1, wherein the at least one filter member comprises filter paper.

6. The filter according to claim 1, wherein the at least one filter member comprises a non-woven fabric.

7. The filter according to claim 1, wherein the at least one filter member comprises a non-woven fabric and a mesh screen.

8. The filter according to claim 1, wherein the at least one filter member comprises upper and lower filter members between which the at least one porous member is interposed, and wherein the coupling member is provided on the upper filter member.

9. The filter according to claim 8, wherein the lower filter member comprises one of filter paper and a non-woven fabric, and a mesh screen.

10. The filter according to claim 1, wherein the at least one filter member comprises upper and lower filter members between which the at least one porous member is interposed, and wherein the coupling member extends from the upper filter member to the lower filter member.

11. The filter according to claim 1, wherein the coupling member is provided on a side face of the at least one filter member.